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The Rimage solution puts the MRI institute on the cutting edge of medical innovation

Every year, thousands of patients are referred to the Zurich-based MRI institute, specialised in diagnostic medical imaging. To satisfy its growing demands, the institute has opted for Rimage's Medical Disc System a complete CD/DVD imaging solution.

The MRI Institute (*The medical radio diagnostic institute*) is at the forefront of technical progress in diagnostic imaging. The MRI boasts a whole range of high-tech devices in radiology including digital x-ray examinations, digital mammography, ultrasounds and nuclear medicine.

Faced with recent changes in the different medical imaging technologies, MRI have chosen Rimage, the world's largest and most experienced manufacturer of CD/DVD printing systems, to help support their business. Dr Thomas P. Bischof, a radiology specialist and member of the Federation of Swiss Doctors, explains this development: "By the late 1990s we knew that we would not be able to cope with the vast number of images produced by new MRI equipment. Initially we changed from film to CD's, and then in 2002 invested in PACS, which has proved indispensable for managing patient data. Today we burn each diagnostic study in full onto optical media."

An all-round solution combining Simplicity, Security and Speed

Dr Bischoff explains the importance of the Medical disk system to the radiology industry: "Around 100 CDs are burnt every day for our two sites. The CD recording solution must run like clockwork", he comments. The heart of the institute's CD/DVD solution comprises Rimage's automated recording and printing system. The robotics-assisted system features from 50 to 300 printable blank CDs (700 MB) and/or DVDs (4.7 GB), depending on the models. The optical discs are automatically picked up and placed in the recorder first and then into the printer after recording. There are two variations to the print process: thermal retransfer printing, which is completely water-resistant and scratchproof, or more conventional inkjet printing.

The entire system is connected to a centralised console, which is also able to receive images over the network. The CD Factory software is used as an interface, which allows images to be burnt automatically onto CD or DVD at the start of the PACS or modality. In the case of very large diagnostic studies, the images can be divided up and burnt onto several CDs or DVDs.



Why Rimage?

Dr Bischof explains the MRI's need for the Rimage Medical Disc System

"CDs and DVDs are imperative to our business, which is why we have chosen the Medical Disc System.

First and foremost, the MRI Institute looked into all available features that would enhance their business: "We wanted to know whether we could burn at the start of the modality and PACS? We also had questions about data anonymity and special functions, such as summarising several diagnostic studies on a DVD. We found the answers with Rimage and have not looked back since, Rimage's after-sales service is excellent too.

Rimage "Medical Disc System™": a tried-and-tested solution

Customers world-wide rely on the Rimage Medical Disc System™ to help them provide timely and professional CD and DICOM diagnostic study output. From Europe to Asia to the USA, Rimage supplies the medical field with more optical disc systems than any other provider worldwide.

The Rimage Medical Disc System™ features three different hardware options, each one boasting a powerful embedded processor, an integrated Everest printer and a space-saving footprint for sleek, all-in-one operation:

- The MDS 5100 features a compact design that is perfect for modality-based patient CD and diagnostic study output.
- The MDS 5200 with plug and play network functionality for use with large and small PACS installations for patient CD and diagnostic study distribution.
- The MDS 5300 is available with Blu-Ray recorders, increased capacity, higher throughput and the Rimage Publisher 7.4 software package for patient CD and high-capacity DICOM archive discs.

To learn more about the Rimage Medical Disc System™, visit www.rimage-medical.com.

About Rimage

Rimage Corporation (www.rimage.com) is the world's leading provider of recordable CD, DVD and Blu-ray (BD) publishing systems, which are used by businesses to produce discs with customized digital content on an on-demand basis. Rimage's publishing systems, which span the range from high to low CD/DVD/BD production volumes, integrate robotics, software and surface label printers into a complete publishing solution. Rimage is focusing its CD/DVD/BD publishing solutions on a set of vertical markets with special needs for customized, on-demand digital information: digital photography, medical imaging, financial institutions, business offices, and government.

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